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Harvest Contracts
(in 1,000 ha)

	<u>1947</u>	<u>1949</u>
Oleaginous plant seeds	28	93
Flax and hemp	16	72
Potatoes for industrial uses	3	90
Sugar beets	200	233

Livestock
(in 1,000 head)

	<u>1947 (achieved)</u>	<u>1949 (planned)</u>
Horses	2,016	2,550
Cattle	4,746	6,300
Hogs	4,700	5,900
Sheep	983	1,600

Animal Products

	<u>1947 (achieved)</u>	<u>1949 (planned)</u>
Milk	4,000,000 liters	6,090,000 liters
Beef	90,000 tons	121,000 tons
Pork	305,000 "	390,000 "
Pork fat	67,000 "	98,000 "
Wool	1,500 "	2,080 "
Eggs	2,200 million	3,200 million
Fresh water fish	10,900 tons	15,000 tons

In line with these achievements in the most important branches of agricultural production, the three-year plan will show a marked improvement in the supply of equipment. In 1947 the number of tractors was 12,500; in 1949 the number is expected to increase to 16,500. In 1947 the value of agricultural machinery and equipment, both domestic and imported, was 37,200,000 prewar zlotys, while the estimated value for 1949 is 50 million prewar zlotys. The estimated consumption of artificial fertilizers by agriculture in 1949 is 1,500,000 tons.

1949 SOWING PLANNED - Gazeta Ludowa, No 18, 22 Jan 49

The Ministry of Agriculture and Land Reforms estimates the area of the 1949 spring sowing at 8,850,000 hectares. This includes 3,745,000 hectares for spring grain, 2,950 hectares for root crops, and 180,000 hectares for industrial plants, 1,850,000 hectares of legumes and fodder, and 145,000 hectares for vegetables and other small plants. The fall planting is expected to cover 6,150,000 hectares, which brings the estimated total for 1949 to 14,700,000 hectares, an increase of 636,000 hectares over 1948.

Choice seeds bred in state establishments and seed farms will be used. The program of supplying peasants' farms with choice seeds was begun in 1948, and 29,000 tons of seed were supplied for the winter grain. This year the supply will be greatly increased. It is estimated that the supply will amount to 13,605 tons of choice seed for spring planting, and 16,400 root crops and 312,000 tons of choice seeds for fall planting. The original seed will be allotted to the seed farms producing seed for small- and medium-sized farms.

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PREPARATIONS FOR SPRING SOWING -- Rzeczpospolita, No 12, 13 Jan 49

According to plan, nearly 460,000 hectares of land will be used for spring sowing in the Bialystok Wojewodztwo, and nearly 750,000 hectares of arable land will be sown in the Dolny Slask Wojewodztwo.

TRACTOR PARTS MANUFACTURED IN POLAND -- Rzeczpospolita, No 12, 13 Jan 49

The Panstwowe Zaklady Kotlowo-Aparaturowe (State Boiler Factories) have begun to manufacture parts and accessories for agricultural machinery which up to now have not been produced in Poland. This includes manufacture of parts for exchange purposes and stock for all types of domestic and foreign-made tractors.

MORE TRACTORS ORDERED FROM CZECHOSLOVAKIA -- Trybuna Ludu, No 32, 2 Feb 49

To modernize agricultural methods, Poland needs thousands of tractors, which at present she is unable to manufacture. To take care of this need, the Centralna Handlowa "Motosbyt" (Central Trade Office "Motosbyt") has ordered from Czechoslovakia 2,700 "Zetor 25" tractors to be delivered during 1949 and at least 4,000 per year during 1950-51. During 1947-48, 1,800 of these tractors were already delivered to Poland. By the end of 1951, Poland will have approximately 12,500 "Zetor 25" tractors on hand.

VARIETY OF TRACTORS COMPLICATES REPAIR WORK -- Trybuna Ludu, No 35, 5 Feb 49

At present, Poland has 56 different types of tractors; this situation presents great repair difficulties. To overcome these difficulties, the Centralny Zarzad Technicznej Obslugi Rolnictwa (Central Administration for Agriculture Technical Services) in Lodz has worked out a plan whereby no more than three different types of tractors will be in use at each TOR center. The plan will be put into effect this year.

MUNICIPAL COOPERATIVES GIVEN ALLOTMENT FOR AGRICULTURAL MACHINERY -- Trybuna Ludu, No 37, 7 Feb 49

The gmina (municipality) cooperatives in the Lodz Wojewodztwo have been allotted 102 million zlotys to purchase agricultural machinery and equipment. In 1948 the farmers in the Lodz Wojewodztwo purchased agricultural machinery and equipment from the municipal cooperatives of "Samopomoc Chlopska" (Peasant Self-Aid) amounting to 210,620,000 zlotys. The greatest quantities of agricultural machinery are found in Kutno, Lodz, Leczyca, and Piotrkow powiaty.

FODDER PRODUCTION TO BE DOUBLED -- Zycie Warszawy, No 24, 25 Jan 49

The intensive program of livestock breeding present a feed problem. To achieve the planned increase of livestock it is necessary to double production of fodder by better management and improvement of meadows and pastures. Of the total of 4,040,000 hectares of pasture lands, 2,100,000 need improvement. Because to improvements, the hay harvest will increase from 12 to 35 quintals per hectare and, with adequate cultivation, perhaps even to 55 quintals per hectare.

An even greater harvest can be gained by improving and cultivating permanent pasture lands. According to the plan, 60,000 hectares of meadows will be systematically cultivated. Machine centers in villages will be stocked with adequate equipment.

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However, the greatest attention will be given to increasing the area of pastures and root crops for feed purposes. According to plan, 1,400,000 hectares of pastures and 217,000 hectares of root crops will be under cultivation, an increase of 22 percent over 1947 in pastures and 14 percent in root crops.

BEEF HARVESTS INCREASED -- Gazeta Ludowa, No 20, 25 Jan 49

The Central Association of Industrial Root Crop Growers initiated contests in beet cultivation among members. The chief purpose of these contests, which proved very successful, is to reduce cost of production by popularizing the latest methods of cultivation and to increase the value of beets.

The great success of last season which yielded 42,247,000 quintals of beets, and average of 189 quintals per hectare (164.4 in 1947), can be attributed to these contests. The contests started with 10,400 growers and finished with 8,500. Average yield per hectare of land cultivated by the contestants was 366 quintals.

Total increase in sugar-beet production gained by those taking part in the contest was 443,063 quintals, producing 62,028 quintals of sugar valued at 930,419,900 zlotys. The value of increased sugar-beet production gained from the area cultivated especially for the contest was 327,081,000 zlotys.

An intensive educational program was conducted in which 23,000 persons were trained. There were 661 displays held in addition to the 1,045 held on the plantations which took part in the contest. The greatest number of contestants were farmers with small- or medium-sized farms whose share in the production of sugar beets before the war was very small.

BEEKEEPING INDUSTRY REVIVED -- Gazeta Ludowa, No 18, 22 Jan 49

Although the beekeeping industry suffered great losses during the war it is quickly being rehabilitated. In 1948 the number of beehives increased by 60,000.

The Beekeepers Association, organized in 1948, endeavored to increase its membership as much as possible and to develop regional branches. At present there are 14 wojewodztwo branches, 264 powiat branches and 1,214 branches in villages or municipalities. The membership numbers 31,000 persons.

In 1948 the number of apiaries registered was 101,000, with a total of 76,000 beehives. The Krakow wojewodztwo has the largest number of apiaries -- 13,380 -- and the Lublin wojewodztwo the largest number of beehives -- more than 166,000.

Training courses for all members were conducted by the Association in 1948 to raise the industry to a higher level and increase its efficiency.

The Association supplied the beekeepers with 182,000 kilograms of sugar for the fall feeding at 80 zlotys per kilogram, and members availed themselves of the three-year bank credits of 22 million zlotys for the purchase of bees and beehives and 4,400,000 zlotys for equipment.

CULTIVATION OF BADAN BEGUN IN POLAND -- Przeczpospolita, No 17, 18 Jan 49

At the experimental center of the Panstwowe Zaklady Rolow Roslin (State Horticulture Enterprises) at Strzelce near Elna, the cultivation of badan (a Siberian plant) has been started. Tannin is obtained from the roots, stems, and leaves, the percentage in the plant being 16 to 24 percent.

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One hectare of badan yields from 80 to 200 quintals of tannin, almost four times more than the same amount of tree bark. The cultivation of this plant was started in 1948. Even with careful nursing, it develops slowly and is harvested every third year. The first harvest of badan at Strzelce will be made in 1950. At present there are only 2 hectares of the plant under cultivation but it will gradually be increased. The Polish climate seems to be quite favorable.

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